

# AASTMT CLIMATE ACTION PLAN

AASTMT researchers are tackling climate change by helping us better understand the scope of its effects and generating promising new solutions. On campus, the University community is also taking action.

AASTMT climate action plan gives the University a unique opportunity to use the campus to directly engage faculty and students in addressing the difficult and unanswered questions and pressing challenges posed by human-induced climate change.

zero greenhouse Gases

zero Greenhouse Gases

“ These ambitious goals will be challenging to reach, but the grave risks climate change poses to our health and our planet’s future require essential action. AASTMT must remain vigorous insupporting students, faculty, and staff who are championing ideas, expertise, and action related to climate change.



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## CLIMATE CHANGE AND ITS IMPACTS:

Sustainable development is critical for the planet's long-term survival. The Sustainable Development Goals (SDGs) provide a framework for social harmony, economic development, and environmental conservation. Universities play a critical role in accomplishing the aims of sustainable development through providing education, research, and innovation.

AASTMT SDG 13 policy demonstrates the commitment of AASTMT towards the UN 2030 Agenda, especially take urgent action to combat climate change and its impacts (SDG13) through some educational procedures and frequently updated initiatives to enhance the society knowledge about the climate change and their impacts on the human health, biodiversity, water resources and agriculture.

### Scope:

Climate change is a serious threat and fighting back against it is a priority for both our research and our development as a university: ensuring that we help to preserve our world for generations to come. The Plan applies to all the AASTMT campuses where all university employees, including colleges staff, students, and officers, must observe and fully implement the policy terms.

### Aims of the plan:

Through their research and training of research leaders, AASTMT is at the forefront of finding sustainable social, economic, environmental, and technical solutions to global problems. Finally, through their own operations AASTMT can pioneer innovation and can set an example to other sectors and businesses.

AASTMT policy aims to protect the environment and address climate change to ensure that all students are fully aware of UN SDG 13 and the UN motivation for such a goal. Besides, familiarize students with the related international conventions about climate change. Moreover, provide frequent initiatives for community serving workshops within AASTMT's campuses cities. That will grantee AASTMT's graduate's readiness to be involved in any environmental preserving system during their future careers.

### Objectives:

1. Carbon Emissions Reduction:

1.1. Being Net Zero Carbon by 2050.

1.2. A 50% reduction in emissions by 2040.

2. Research and Innovation: Supporting world-class research at the AASTMT and in broader collaborations in order to deliver significant research and innovation that aids the transition to a net-zero-carbon economy.

3. Learning and Teaching: Developing educational initiatives with worldwide impact and scale to establish a world-class reputation for high-quality education on climate-related issues, such as providing opportunities for every student to study



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and work on climate-related issues delivering programmes with a sustainability agenda delivering pedagogically innovative teaching initiatives to minimize carbon emissions.

4.University Strategy: Assisting in the transition to a net-zero-carbon economy through the Academy's strategy, sub-strategies, and core decision-making, as well as its basic principles and commitments.

5.University Governance: Ensure that the Climate Action Framework is implemented with clear leadership and governance, with public accountability through full disclosure of progress against our principles.

6.Academy Campus Emissions Reduction and Climate Change Adaptation: Reducing all carbon emissions on AASTMT campuses in a manner that is consistent with larger sustainability objectives and in a Just Transition.

7.Internationalization Strategy: Supporting and fostering carbon-conscious international collaboration in order to achieve our strategic internationalization goals.

8.Carbon Management: Improving the AASTMT's carbon emissions data quality, realizing that this is a strategic tool for understanding and systematically reducing its carbon footprint.

9.AASTMT: Local and Regional Leader and Partner: Working with significant community, industry, government, and third-sector partners to assist the transition to a net-zero-carbon economy.

## MOVING TOWARD ZERO GREEN HOUSE GASE EMISSION

AASTMT pledge at the head-of-organization level to reach (net) zero Greenhouse Gases (GHGs) as soon as possible, and by mid-century at the latest, in line with global efforts to limit warming to 1.5°C. Set an interim target to achieve in the next decade, which reflects maximum effort toward or beyond a fair share of the 50% global reduction in CO<sub>2</sub> by 2030 identified in the IPCC Special Report on Global Warming of 1.5°C.

This plan is directed primarily at the AASTMT management level, heads of the academic hierarchy, deans, and vice-presidents of AASTMT.

Consequently, instructors, staff, and students are expected to cooperate fully in the policy implementation process. However, a specific study program or course may be exempt from implementing the plan if the dean who filed the filibuster to the Sustainable Development Goals Workforce committee chairman can demonstrate that the course in question has no direct or indirect connection to marine life and his justification found to be valid.

### Achievements made to achieve the goals

Arab Academy for Science, Technology and Maritime Transport participate in Race to Zero Campaign: Race to Zero is a global campaign to rally leadership and support from businesses, cities, regions, investors for a healthy, resilient, zero-carbon recovery that prevents future threats, creates decent jobs, and unlocks inclusive, sustainable growth.

Race to Zero Campaign mobilizes a coalition of leading net zero initiatives by 2050 at the latest, representing cities, regions, businesses, the biggest investors, and universities and colleges.

Steps to implement the Campaign:

1. Pledge: Pledge at the head-of-organization level to reach (net)-zero in the 2040s or sooner, or by midcentury at the latest, in line with global efforts to limit warming to 1.5C.



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2. Plan: Within 12 months of joining, explain what actions will be taken toward achieving both interim and longer-term pledges, especially in the short- to medium-term. Set an interim target to achieve in the next decade, which reflects a fair share of the 50% global reduction in CO2 by 2030 identified in the IPCC Special Report on Global Warming of 1.5C
3. Proceed: Take immediate action toward achieving net-zero, consistent with delivering interim targets specified.



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## GIS to Serve the Sustainable Development Goals – Egypt Vision 2030

The Bibliotheca Alexandrina, in cooperation with ESRI Northeast Africa, organizes the Geographical Information Systems (GIS) Conference for the seventh consecutive year, under the title "GIS to Serve the Sustainable Development Goals – Egypt Vision 2030" on Tuesday, 14 December 2021, at 10:30 am, in the BACC Great Hall.

The Conference tackles the technologies, tools, and multiple domains of the geographical information systems, through a panel discussion and presentations that feature a number of experts and specialists in this field in Egypt. The Conference is preceded by online GIS workshops, which aim at training students on the latest technologies this particular field has reached. Additionally, the Conference will be accompanied by an exhibition showcasing the maps that applied the geographical information systems and will include a prize-giving ceremony to honor the winners of the "Digital Maps" drawing competition, which targeted students and those with an interest in geographical information systems.

esri North Africa

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بالتعاون مع  
ESRI North Africa  
شركة آيزي شمال إفريقيا  
تدعوكم إلى حضور  
مؤتمر نظم المعلومات الجغرافية ٢٠٢١  
Geographical Information Systems Conference (GIS Day) 2021

بمكتبة الإسكندرية

نظم المعلومات الجغرافية لخدمة أهداف التنمية المستدامة -  
رؤية مصر ٢٠٣٠

GIS to Serve the Sustainable Development Goals -  
Egypt Vision 2030

يوم الثلاثاء، ١٤ ديسمبر ٢٠٢١ الساعة العاشرة والنصف صباحاً  
بمكتبة الإسكندرية، مركز المؤتمرات، القاعة الكبرى  
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# AASTMT PATHWAY TO ZERO (GHGs)



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